

Title (en)

Socket connector having improved protection against electrostatic discharges

Title (de)

Steckverbinder mit verbessertem Schutz gegen elektrostatische Entladungen

Title (fr)

Connecteur à fiches ayant une protection améliorée contre des décharges électrostatiques

Publication

**EP 0762555 A1 19970312 (EN)**

Application

**EP 96305794 A 19960807**

Priority

US 51685195 A 19950818

Abstract (en)

A socket connector having improved protection against electrostatic discharges. The body (11) of the connector is encircled by a conductive shell (39) and contains a plurality of female contacts for receiving respective pins of a pin connector. The surface (31) of the body facing the pin connector is coated with conductive material (47) which is coupled to the conductive shell (39) through a conductive stripe (49) on the body and a resilient conductive member (51) contacting both the stripe (49) and the shell (39). Charge reaching the conductive material from the pin connector is led harmlessly to ground from the shell (39). <IMAGE>

IPC 1-7

**H01R 13/648**

IPC 8 full level

**H01R 13/648** (2006.01)

CPC (source: EP US)

**H01R 13/6485** (2013.01 - EP US); **Y10S 439/931** (2013.01 - EP)

Citation (search report)

- [A] DE 9217460 U1 19930218
- [A] CH 158048 A 19321031 - AEG [DE]
- [AD] US 4824377 A 19890425 - DE BURRO AGOSTINO L [US]
- [A] DE 9318026 U1 19940210 - HARTING ELEKTRONIK GMBH [DE]

Cited by

FR2846475A1; US7980866B2; WO2009036865A3

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0762555 A1 19970312**; JP H09134760 A 19970520; US 5618196 A 19970408

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**EP 96305794 A 19960807**; JP 21555196 A 19960815; US 51685195 A 19950818